

## **Region 3 GPRA Baseline RCRA Corrective Action Facility**

# **KACC Spl. Pile (Kaiser Aluminum & Chemical Corporation Spent Potliner Pile)**

**Willow Grove Road  
Ravenswood, WV 26164  
Congressional District 29  
EPA ID #: WVD988766127  
Last Updated 06/30/2005**

## **Current Progress at the Site**

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The Spent Potliner (SPL) Pile is a 2.7-acre, encapsulated deposit of aluminum-smelting wastes located southwest of Ravenswood, West Virginia. The site is completely surrounded by an active aluminum smelting facility (Century Aluminum).

An Administrative Order on Consent requiring investigation of the site was signed by EPA and the owner on April 3, 1995. In compliance with the order, the following activities have been completed:

- A RCRA Facility Investigation (RFI) was performed to evaluate the impact of the site on surrounding soils and groundwater. The RFI was completed on March 10, 1997.
- A Part I Corrective Measures Study (CMS) was completed on January 22, 1998, and identified the need for testing of the facility cover.
- A Part II CMS involved field and laboratory testing of the cover material. The draft CMS Report was submitted to EPA on May 28, 1998.

The draft CMS Report concluded that the most effective option for elimination of risk due to the facility was leaving the material in its present location, performing initial repairs to the seams in the cover, and then continuing to maintain the cover, replacing as necessary. The next step in the Corrective Action process is for a selection of a corrective measures by EPA, which will then be made available to the public for comment.

## **Site Description**

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The SPL Pile was originally part of an integrated aluminum manufacturing facility which began operation in 1957 by Kaiser Aluminum. Between 1972 and 1980, spent potliner from the smelting process was stockpiled on concrete and clay pads, awaiting shipment for mineral recycling. An EPDM cover was installed in 1981 to isolate the material from the environment and to prevent contact with rainwater. The site is completely enclosed by a chain-link fence and is located wholly within an active industrial facility.

## Site Responsibility

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RCRA Corrective Action activities at this facility are being conducted under the direction of EPA Region 3 with assistance from the State.

## Contaminants

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SPL was designated by USEPA as a listed hazardous waste under RCRA in 1988. The main contaminants in soil and groundwater are cyanide and fluoride.

## Community Interaction

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The site is completely surrounded by an active aluminum smelting facility. The management of the surrounding facility is provided with bi-monthly status reports.

## Institutional Controls

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No institutional controls are currently in place.

## Government Contacts

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: [www.epa.gov/reg3wcmd/correctiveaction.htm](http://www.epa.gov/reg3wcmd/correctiveaction.htm)

## Facility Contact

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